

In the Claims:

Claims 1-19 (cancelled)

20. (new) An apparatus for use in a device having a battery and one or more power consuming circuit boards, comprising:

a plurality of electrical conduits, each of the electrical conduits having a battery contact located on a battery contacting arm, a first circuit board contact located on a first circuit board contacting arm, and a second circuit board contact located on a second circuit board contacting arm;

a housing that retains the conduits; and

a spring integrally formed in or connected to the battery contacting arm, the spring being configured to apply a mechanical contacting force between the battery contact and a corresponding contact on the battery, and the spring being flexed when the battery contacting arm is in both the pre-engaged and engaged positions,

wherein the contacts on the electrical conduits mechanically mate with corresponding contacts on the battery and the one or more power consuming circuit boards to make electrical connections therebetween, and the battery contacting arm and spring are movable between a pre-engaged position when the battery contacting arm is not in contact with the battery and an engaged position when the battery contacting arm is in contact with the battery.

21. (new) The apparatus of in claim 20, wherein each electrical conduit is formed by a single piece of material.

22. (new) The apparatus of claim 20, wherein the battery contact includes a boss.

23. (new) The apparatus of claim 20, wherein the first or second circuit board contacts includes a boss.

24. (new) The apparatus of claim 20, wherein the housing physically separates the plurality of electrical conduits.

25. (new) The apparatus of claim 20, wherein the housing electrically isolates the plurality of electrical conduits from each other.

26. (new) The apparatus of claim 20, wherein the first and/or second circuit board contacts are physically joined to corresponding contacts on the one or more power consuming circuit boards.

27. (new) The apparatus of claim 20, wherein the battery contacting arm, the first circuit board contacting arm, and the second circuit board contacting arm extend from a base.

28. (new) The apparatus of claim 20, further comprising:

a spring integrally formed in or connected to the first circuit board contacting arm, the spring being configured to apply a mechanical contacting force between the first circuit board contacting arm and a corresponding contact on a power consuming circuit board.

29. (new) The apparatus of claim 20, further comprising:

a spring integrally formed in or connected to the second circuit board contacting arm, the spring being configured to apply a mechanical contacting force between the second circuit board contacting arm and a corresponding contact on a power consuming circuit board.

30. (new) The apparatus of claim 20, wherein:

two or more electrical conduits are arranged in a row;

the battery contacting arms of the two or more electrical conduits have a first center-to-center pitch; and

the battery has contacts that have a second center-to-center pitch.

31. (new) The apparatus of claim 30, wherein the first center-to-center pitch is larger than the second center-to-center pitch.

32. (new) The apparatus of claim 20, further comprising:

a hook located at an end of the battery contacting arm; and

a hook retaining piece located on the housing,

wherein the hook restrains the end of the battery contacting arm from moving past the hook retaining piece.

33. (new) A battery powered electronic device including an apparatus according to claim 20.